

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Wasteland Landfill - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #2
Final POLREP
Wasteland Landfill
C5DZ
Lockport, IL
Latitude: 41.5656809 Longitude: -88.0692785

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From: Leonard Zintak, On-Scene Coordinator
Date: 11/8/2019
Reporting Period: 7/26/2019 - 10/25/2019

1. Introduction

1.1 Background

Site Number:	C5DZ	Contract Number:	EP-S4-16-03 (EQM)
D.O. Number:	0074 (EQM)	Action Memo Date:	3/29/2019
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	7/9/2019	Start Date:	7/9/2019
Demob Date:	10/25/2019	Completion Date:	10/25/2019
CERCLIS ID:	ILD 980 902 258	RCRIS ID:	
ERNS No.:		State Notification:	Yes
FPN#:		Reimbursable Account#:	

US EPA RECORDS CENTER REGION 5



577200

1.1.1 Incident Category

Time-critical removal action

1.1.2 Site Description

The Wasteland Landfill Site is a 9.5 acre inactive landfill located along U.S. Route 171/State Street south of downtown Lockport, Will County, Illinois. The property was originally used as a rock quarry and in the early 1970's the northern portion of the site was used as an automobile junk yard. In 1976 landfill operations began under the name Lockport Landfill. The landfill changed its name to Wasteland Landfill in 1980 and continued operations until 1983. The landfill was never properly closed. The landfill contains large amounts of "auto fluff" on the surface of the property. Lead, PCB's and semivolatile organics have been detected in the surface soils on site. The scope of work for this removal action was to restrict access to the site with perimeter fencing and signage.

1.1.2.1 Location

The Wasteland Landfill Site is a 9.5-acre inactive landfill located along U.S. Route 171/State Street south of downtown Lockport, Will County, Illinois.

1.1.2.2 Description of Threat

The landfill contains large amounts of "auto fluff" on the surface of the property. Lead, PCB's and semivolatile organics have been detected in the surface soils on site.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On August 1, 2017, Tetra Tech START performed site assessment activities, which consisted of collecting 7 soil samples, including a duplicate, from 6 locations, as well as conducting air monitoring for volatiles and surveying gamma radiation levels. Analytical results indicate detections of VOCs, SVOCs, PCBs, pesticides, and metals in surface soils. Analytical results indicate that 6 out of 7 soil samples analyzed for VOCs, SVOCs, PCBs, pesticides, and inorganics, exceeded the EPA Industrial Soil RML for lead of 800 milligrams per kilogram (mg/kg). In addition, one soil sample exceeded the EPA Industrial Soil RSL for benzo(a)pyrene of 2.1 mg/kg. Lead exceedance concentrations ranged from 1,050 mg/kg to 6,450 mg/kg. No other compounds were detected above EPA Industrial Soil RMLs.

2. Current Activities**2.1 Operations Section****2.1.1 Narrative**

The objective of this time-critical removal action was to restrict access to the site by constructing a six foot high chain link fence around the north, east and south perimeter of the site. Warning signs have been posted on the fence and around the site and along the railroad tracks on the west side of the site and in locations where fencing was not possible.

2.1.2 Response Actions to Date

The ERRS contractor, Environmental Quality Management, hired Weaver Consultants Group to conduct a perimeter survey of the property to mark the property boundaries where the fencing and warning signs were installed. Brush and tree clearing was performed by Homer Tree Services. The fence construction was performed by Fence Masters, Inc. A six foot high chain link fence was installed on the north, east, and south sides of the site. Warning signs were posted on the west side of the site along the railroad tracks. Warning signs were also posted on the fence. Two gates were installed, one on the east side and one on the south side.

START conducted site perimeter air monitoring during the fence installation. A MultiRAE and particulate monitor was used.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Enforcement activities are ongoing.

2.1.4 Progress Metrics**Regional Metrics**

This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	N/A
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	Cubic yards of contaminated sediments removed and/or capped	N/A
	Gallons of oil/water recovered	N/A
	Acres of soil/sediment cleaned up in floodplains and riverbanks	N/A
Stand Alone Assessment	Number of contaminated residential yards cleaned up	N/A
	Number of workers on site	2-6
Contaminant(s) of Concern		
Oil Response Tracking		
Estimated volume	Initial amount released	N/A
	Final amount collected	N/A
CANAPS Info	FPN Ceiling Amount	N/A
	FPN Number	N/A
	Body of Water affected	N/A
Administrative and Logistical Factors (Place X where applicable)		
	Precedent-Setting HQ Consultations (e.g., fracking, asbestos)	Community challenges or high involvement
X	More than one PRP	Endangered Species Act / Essential Fish Habitat issues
	AOC	Historic preservation issues
	UAO	NPL site
	DOJ involved	Remote location
	Criminal Charges Have Been Filed*	Extreme weather or abnormal field season
	Tribal consultation or coordination or other issues	Congressional involvement
	Statutory Exemption for \$2 Million	Statutory Exemption for 1 Year
	Hazmat Entry Conducted – Level A, B or C	Incident or Unified Command established
		Radiological
		Explosives
		Residential impacts
		Relocation
		Drinking water impacted
		Environmental justice
		High media interest
		Active fire present
		Actual air release (not threatened)
Green Metrics (EQM)		
Metric	Amount	Units
Diesel Fuel Used	97.5	gallons
Unleaded Fuel Used	84.9	gallons
Alternative/E-85 Fuel Used	N/A	gallons
Electricity from electric company	N/A	kWh
Electric Company Name and Account #	N/A	
Electricity from sources other than the electric company	N/A	kWh
Solid waste reused	0	
Solid waste recycled	0	lbs
Water Used	0	gallons

2.2 Planning Section

2.2.1 Anticipated Activities

No additional removal actions are planned for the site.

2.2.1.1 Planned Response Activities

See 2.2.1 above.

2.2.1.2 Next Steps

See 2.2.1 above.

2.2.2 Issues

None

2.3 Logistics Section

N/A

2.4 Finance Section

2.4.1 Narrative

Environmental Quality Management is the ERRS contractor for this project. Tetra Tech is the START contractor. Costs below are estimated.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$105,000.00	\$98,289.00	\$6,711.00	6.39%
TAT/START	\$20,000.00	\$12,000.00	\$8,000.00	40.00%
Intramural Costs				
Total Site Costs	\$125,000.00	\$110,289.00	\$14,711.00	11.77%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

Site safety was good.

2.5.2 Liaison Officer

N/A

2.5.3 Information Officer

N/A

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

Illinois Environmental Protection Agency (IEPA)

Will County

4. Personnel On Site

ERRS - 1

START - 1

Fencing subcontractor - 4

Surveyors - 2

5. Definition of Terms

RML - Removal Management Level

6. Additional sources of information

6.1 Internet location of additional information/report

N/A

6.2 Reporting Schedule

This is the final POLREP

7. Situational Reference Materials

No information available at this time.